

when a blank portion is present at an end of the application packet area, providing a stuffing area formed of a predetermined number of bytes in the blank portion.

15 distributing the stream data to the application
packet areas in the stream packs, and recording the
distributed stream data in the application packet
areas; and

25 4. An information recording method using an
information medium which has a data area for recording
stream data using data packets and data units each

constituting the stream data by a plurality of the
5 data units;

recording, in the management area, at least a time difference value corresponding to a difference between a first time stamp recorded in a first data unit and a second time stamp recorded in a second data unit, said first and second data units being included in a plurality of said data units.

6. A method according to claim 4, wherein a value of a first time stamp recorded in a first one of the data packets located in the data unit is used to compute the time difference value.

25 7. A method according to claim 4, wherein a time stamp recorded in the data packet at an end of a last one of the data units included in the stream data

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5 a plurality of stream packs, each of which contains one or more of the data recording units with time stamps, are provided, and the stream data are distributed to these stream packs,

a start portion of an application packet area included in a first one of the stream packets of the stream data matches a start byte of the time stamp appended to a first one of the data recording units in the application packet area.

12. A data structure which has a data area for recording stream data using data packets and data units each being larger than the data packet, and a management area for recording management information that pertains to the stream data, wherein

the stream data are distributed to application packet areas each including one or more of the data

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each of the data unit includes one or more of the data packets each recording time stamp information, and a time difference value corresponding to a difference between a first time stamp recorded in a first data unit and a second time stamp recorded in a second data is recorded in the management area, said first and second data units being included in said data units.

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information of a program chain that describes a set of one or more cells is recorded in the management area, and

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